

**A57 Link Roads**

**TR010034**

## **6.5 Environmental Statement**

# **Appendix 11.4: Predicted Road Traffic Noise Levels at Selected Representative Locations**

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications:  
Prescribed Forms and Procedure) Regulations 2009

December ~~June~~ 2021

## Infrastructure Planning

### Planning Act 2008

#### The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

### A57 Link Roads

#### Development Consent Order 202[x ]

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#### 6.5 Environmental Statement Appendix 11.4: Predicted Road Traffic Noise Levels at Selected Representative Locations

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## 11. Predicted Road Traffic Noise Levels at Selected Representation Locations

### 11.1 Introduction

- 11.1.1 This document presents the predicted road traffic noise levels in the operation phase of the Scheme in its opening year (2025) and future assessment year (2040) for a selection of sensitive receptors within the study area. The document also gives a list of properties with potential to qualify for noise insulation.
- 11.1.2 The predicted road traffic noise levels for the following scenarios are provided in this document:
- Do Minimum Opening Year (DM 2025) – without the Scheme in the opening year
  - Do Something Opening Year (DS 2025) – with the Scheme in the opening year
  - Do Minimum Future Year (DM 2040) – without the Scheme in the future assessment year
  - Do Something Future Year (DS 2040) – with the Scheme in the future assessment year
- 11.1.3 The operation phase assessment used 72,785 prediction points to establish the level of noise impact at sensitive receptors, with at least one prediction point was modelled on each facade of a noise sensitive building. The results presented in this section are the predicted road traffic noise levels at 1 m from the worst affected facade and floor (or prediction point) at 70 noise sensitive receptors representing the detailed study area close to the Scheme and the wider area. The worst affected facade and floor of the noise sensitive properties was the one where the least beneficial change in noise levels were predicted.
- 11.1.4 For further details about the assessment methodology, modelling assumptions and limitations, and the significance threshold levels used to appraise the Scheme, please refer to the Noise and Vibration chapter (Chapter 11) of the Environmental Statement (ES) ([TR010034/APP/6.3APP-067](#)).
- 11.1.5 Calculations are shown for both daytime and night-time noise levels at the receptors.

### 11.2 Predicted daytime road traffic noise levels

- 11.2.1 Table 11.2.1 below shows the predicted daytime ( $L_{A10,18h}$ ) road traffic noise levels at the representative selection of residential and non-residential sensitive receptors in the detailed noise modelling study area close to the Scheme and the wider area.

**Table 11.2.1: Predicted daytime road traffic noise levels at selected locations**

Receptor	Receptor type	Study area	Road traffic noise levels (L <sub>A10,18h</sub> , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
12 Alport Way, Glossop, Glossop, SK13 0LP	Dwelling	Scheme	51.0	52.0	51.0	52.4	1.0	1.4
134 Brookfield, Glossop, Glossop, SK13 6JE	Dwelling	Scheme	60.6	62.1	60.6	62.5	1.5	1.9
13 Lower Barn Road, Glossop, Glossop, SK13 2DZ	Dwelling	Scheme	46.6	47.9	46.7	48.2	1.3	1.6
48 Lower Barn Road, Glossop, Glossop, SK13 2DZ	Dwelling	Scheme	47.4	49.1	47.4	49.4	1.7	2.0
7 Springfield Close, Glossop, Glossop, SK13 2EF	Dwelling	Scheme	49.5	52.3	49.5	52.7	2.8	3.2
16 Tavern Road, Glossop, Glossop, SK13 2RB	Dwelling	Scheme	47.8	50.1	47.8	50.5	2.3	2.7
18 Woolley Bridge, Glossop, Glossop, SK13 2NX	Dwelling	Scheme	65.9	68.9	65.9	69.2	3.0	3.3
54 Woolley Bridge, Glossop, Glossop, SK13 2NX	Dwelling	Scheme	61.6	64.8	61.6	65.1	3.2	3.5
72 Woolley Bridge, Glossop, Glossop, SK13 2NX	Dwelling	Scheme	73.3	71.1	73.3	71.5	-2.2	-1.8
Meadow View, Carrhouse Lane, Hollingworth, Hyde, SK14 8NA	Dwelling	Scheme	50.0	54.0	50.0	54.4	4.0	4.4
Robin Hood Farm, Carrhouse Lane, Hollingworth, Hyde, SK14 8NA	Dwelling	Scheme	45.5	54.5	45.6	54.9	9.0	9.4
31 Church Road, Hollingworth, Hyde, SK14 8PG	Dwelling	Scheme	51.1	53.9	51.1	54.2	2.8	3.1

Receptor	Receptor type	Study area	Road traffic noise levels ( $L_{A10,18h}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
86 Market Street, Hollingworth, Hyde, SK14 8JA	Dwelling	Scheme	52.5	52.7	52.4	52.7	0.2	0.2
48 Market Street, Hollingworth, Hyde, SK14 8LN	Dwelling	Scheme	69.0	70.4	68.9	70.4	1.4	1.4
163 Mottram Moor, Hollingworth, Hyde, SK14 8LZ	Dwelling	Scheme	51.9	51.7	51.9	51.8	-0.2	-0.1
54 Mottram Moor, Hollingworth, Hyde, SK14 8LZ	Dwelling	Scheme	77.4	77.2	77.3	77.0	-0.2	-0.4
155 Woolley Lane, Hollingworth, Hyde, SK14 8NN	Dwelling	Scheme	52.4	50.7	52.4	50.7	-1.7	-1.7
91 Woolley Lane, Hollingworth, Hyde, SK14 8NN	Dwelling	Scheme	53.2	51.9	53.2	52.3	-1.3	-0.9
3 Woolley Lane, Hollingworth, Hyde, SK14 8NW	Dwelling	Scheme	48.7	45.8	48.7	46.1	-2.9	-2.6
37 Woolley Lane, Hollingworth, Hyde, SK14 8NW	Dwelling	Scheme	49.0	45.7	49.1	46.0	-3.3	-3.0
Tara Brook Farm, Woolley Lane, Hollingworth, Hyde, SK14 8NW	Dwelling	Scheme	46.7	53.2	46.8	53.6	6.5	6.9
Westwood Cottage, Mottram Road, Hyde, Hyde, SK14 3BT	Dwelling	Scheme	65.6	66.3	66.0	66.9	0.7	1.3
3 Ash Close, Mottram, Hyde, SK14 6PS	Dwelling	Scheme	49.1	54.6	49.2	54.8	5.5	5.7
6 Back Moor, Mottram, Hyde, SK14 6LF	Dwelling	Scheme	50.8	50.8	51.0	51.4	0.0	0.6
49 Broadbottom Road, Mottram, Hyde, SK14 6JB	Dwelling	Scheme	45.0	44.3	45.3	45.2	-0.7	0.2
8 Broadbottom Road, Mottram, Hyde, SK14 6JB	Dwelling	Scheme	58.5	58.9	58.7	59.5	0.4	1.0

Receptor	Receptor type	Study area	Road traffic noise levels ( $L_{A10,18h}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
26 Colbourne Grove, Mottram, Hyde, SK14 3DY	Dwelling	Scheme	53.3	53.0	53.8	53.7	-0.3	0.4
8 Edge Lane, Mottram, Hyde, SK14 6SE	Dwelling	Scheme	47.4	54.3	47.6	54.6	6.9	7.2
30 Four Lanes, Mottram, Hyde, SK14 6PP	Dwelling	Scheme	53.7	59.5	53.8	59.7	5.8	6.0
32 Four Lanes, Mottram, Hyde, SK14 6PP	Dwelling	Scheme	49.4	58.2	49.5	58.4	8.8	9.0
34 Four Lanes, Mottram, Hyde, SK14 6PP	Dwelling	Scheme	56.0	65.1	56.1	65.4	9.1	9.4
12 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	50.0	48.1	50.1	48.4	-1.9	-1.6
4 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	51.5	49.3	51.6	49.6	-2.2	-1.9
60 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	50.4	53.4	50.6	53.6	3.0	3.2
7 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	51.6	47.8	51.7	48.2	-3.8	-3.4
50 John Kennedy Road, Mottram, Hyde, SK14 6PH	Dwelling	Scheme	51.8	51.5	52.0	51.9	-0.3	0.1
43 Lodge Court, Mottram, Hyde, SK14 6LY	Dwelling	Scheme	48.1	50.3	48.2	50.6	2.2	2.5
16 Longdale Drive, Mottram, Hyde, SK14 6NW	Dwelling	Scheme	47.9	46.5	48.0	47.3	-1.4	-0.6
6 Melyncourt Drive, Mottram, Hyde, SK14 3AS	Dwelling	Scheme	68.8	68.7	69.2	69.3	-0.1	0.5
Four Winds, 41A, Mottram Moor, Mottram, Hyde, SK14 6LA	Dwelling	Scheme	73.3	71.7	73.5	72.5	-1.6	-0.8

Receptor	Receptor type	Study area	Road traffic noise levels ( $L_{A10,18h}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
103 Mottram Moor, Mottram, Hyde, SK14 6LD	Dwelling	Scheme	56.1	55.0	56.1	55.1	-1.1	-1.0
47 Mottram Moor, Mottram, Hyde, SK14 6LD	Dwelling	Scheme	56.3	58.1	56.5	58.5	1.8	2.2
75 Mottram Moor, Mottram, Hyde, SK14 6LD	Dwelling	Scheme	62.8	63.5	62.8	63.7	0.7	0.9
Mottram Old Hall, Old Hall Lane, Mottram, Hyde, SK14 6LT	Dwelling	Scheme	47.6	50.0	47.6	50.3	2.4	2.7
Flat 5, The Cottage, Old Road, Mottram,	Dwelling	Scheme	49.2	55.9	49.3	56.2	6.7	7.0
1 Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	51.3	53.2	51.4	53.5	1.9	2.2
15C Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	53.0	<del>59.0</del> <u>59.1</u>	53.1	<del>59.3</del> <u>59.4</u>	<del>6.0</del> <u>6.1</u>	<del>6.3</del> <u>6.4</u>
21A Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	51.4	60.0	51.5	60.2	8.6	8.8
6 Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	47.4	49.2	47.5	49.5	1.8	2.1
The Villa, 23, Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	49.2	55.9	49.3	56.2	6.7	7.0
8 Rushycroft, Mottram, Hyde, SK14 6TD	Dwelling	Scheme	47.3	52.3	47.4	52.6	5.0	5.3
3 Tollemache Close, Mottram, Hyde, SK14 6LN	Dwelling	Scheme	47.7	<del>53.5</del> <u>54.0</u>	47.7	<del>53.8</del> <u>54.3</u>	<del>5.8</del> <u>6.3</u>	<del>6.4</del> <u>6.6</u>
4 Tollemache Close, Mottram, Hyde, SK14 6LN	Dwelling	Scheme	43.9	<del>50.2</del> <u>51.0</u>	44.0	<del>50.4</del> <u>51.3</u>	<del>6.3</del> <u>7.1</u>	<del>6.5</del> <u>7.4</u>
21 Tollemache Road, Mottram, Hyde, SK14 6LL	Dwelling	Scheme	41.9	45.3	41.9	45.6	3.4	3.7



Receptor	Receptor type	Study area	Road traffic noise levels ( $L_{A10,18h}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
23 Tollemache Road, Mottram, Hyde, SK14 6LL	Dwelling	Scheme	44.2	46.5	44.3	46.8	2.3	2.6
Upper Wood Cottage, Snake Road, Bamford,	Dwelling	Wider	49.3	50.8	50.4	51.7	1.5	2.4
64 Marple Road, Charlesworth, Glossop, SK13 5DA	Dwelling	Wider	46.3	45.0	47.1	45.9	-1.3	-0.4
22 Sherwood Fold, Charlesworth, Glossop, SK13 5HW	Dwelling	Wider	49.0	47.8	49.6	48.6	-1.2	-0.4
20 Manchester Road, Denton, M34 3LE	Non-residential	Wider	54.4	54.7	54.6	55.0	0.3	0.6
61 Glossop Road, Glossop, Glossop, SK13 6JH	Dwelling	Wider	47.1	45.5	47.5	46.1	-1.6	-1.0
55 Sheffield Road, Glossop, Glossop, SK13 8QJ	Dwelling	Wider	67.5	69.2	68.8	70.1	1.7	2.6
189 Sheffield Road, Glossop, Glossop, SK13 8QX	Dwelling	Wider	67.6	69.3	68.9	70.2	1.7	2.6
3 Blue Bell Close, Hyde, Hyde, SK14 4HU	Dwelling	Wider	46.4	46.1	47.0	46.6	-0.3	0.2
78 John Street, Hyde, Hyde, SK14 2HB	Dwelling	Wider	63.7	64.5	64.2	64.9	0.8	1.2
226 Victoria Street, Hyde, Hyde, SK14 4DT	Dwelling	Wider	48.4	49.0	48.8	49.4	0.6	1.0
22 Matley Lane, Stalybridge, Stalybridge, SK15 2TP	Dwelling	Wider	48.3	48.0	48.5	48.3	-0.3	0.0
90 Glossop Road, Stockport, Stockport, SK6 5EL	Dwelling	Wider	48.9	47.3	49.7	48.1	-1.6	-0.8
Loads Cottage, Glossop Road,	Dwelling	Wider	61.0	59.3	61.8	60.1	-1.7	-0.9

Receptor	Receptor type	Study area	Road traffic noise levels ( $L_{A10,18h}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
Stockport, Stockport, SK6 5NX								
Fernilea, Glossop Road, Stockport, Stockport, SK6 5RX	Dwelling	Wider	46.1	44.4	46.9	45.2	-1.7	-0.9
107 Manchester Road, Tintwistle, Glossop, SK13 1LJ	Dwelling	Wider	75.1	75.2	74.9	75.1	0.1	0.0

## 11.3 Predicted night-time road traffic noise levels

11.3.1 Table 11.3.1 below shows the predicted night-time ( $L_{night}$ ) road traffic noise levels at the representative selection of residential and non-residential sensitive receptors in the study area. Please note that the noise levels are reported for 69 of the 70 noise sensitive receptors as one of them is not sensitive at night.

**Table 11.3.1: Predicted night-time road traffic noise levels at selected locations**

Receptor	Receptor Type	Area	Road traffic noise levels ( $L_{night}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
12 Alport Way, Glossop, Glossop, SK13 0LP	Dwelling	Scheme	42.1	43.0	42.1	43.4	0.9	1.3
134 Brookfield, Glossop, Glossop, SK13 6JE	Dwelling	Scheme	50.8	52.1	50.8	52.5	1.3	1.7
13 Lower Barn Road, Glossop, Glossop, SK13 2DZ	Dwelling	Scheme	38.2	39.3	38.3	39.6	1.1	1.4
48 Lower Barn Road, Glossop, Glossop, SK13 2DZ	Dwelling	Scheme	38.9	40.4	38.9	40.7	1.5	1.8
7 Springfield Close, Glossop, Glossop, SK13 2EF	Dwelling	Scheme	40.8	43.3	40.8	43.7	2.5	2.9
16 Tavern Road, Glossop, Glossop, SK13 2RB	Dwelling	Scheme	39.3	41.3	39.3	41.7	2.0	2.4

Receptor	Receptor Type	Area	Road traffic noise levels (L <sub>night</sub> , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
18 Woolley Bridge, Glossop, Glossop, SK13 2NX	Dwelling	Scheme	55.5	58.2	55.5	58.5	2.7	3.0
54 Woolley Bridge, Glossop, Glossop, SK13 2NX	Dwelling	Scheme	51.7	54.6	51.7	54.8	2.9	3.1
72 Woolley Bridge, Glossop, Glossop, SK13 2NX	Dwelling	Scheme	62.2	60.2	62.2	60.6	-2.0	-1.6
Meadow View, Carrhouse Lane, Hollingworth, Hyde, SK14 8NA	Dwelling	Scheme	41.2	44.8	41.2	45.2	3.6	4.0
Robin Hood Farm, Carrhouse Lane, Hollingworth, Hyde, SK14 8NA	Dwelling	Scheme	37.2	45.3	37.3	45.6	8.1	8.4
31 Church Road, Hollingworth, Hyde, SK14 8PG	Dwelling	Scheme	42.2	44.7	42.2	45.0	2.5	2.8
86 Market Street, Hollingworth, Hyde, SK14 8JA	Dwelling	Scheme	43.5	43.7	43.4	43.7	0.2	0.2
48 Market Street, Hollingworth, Hyde, SK14 8LN	Dwelling	Scheme	58.3	59.6	58.2	59.6	1.3	1.3
163 Mottram Moor, Hollingworth, Hyde, SK14 8LZ	Dwelling	Scheme	43.0	42.8	43.0	42.9	-0.2	-0.1
54 Mottram Moor, Hollingworth, Hyde, SK14 8LZ	Dwelling	Scheme	65.9	65.7	65.8	65.5	-0.2	-0.4
155 Woolley Lane, Hollingworth, Hyde, SK14 8NN	Dwelling	Scheme	43.4	41.9	43.4	41.9	-1.5	-1.5
91 Woolley Lane, Hollingworth, Hyde, SK14 8NN	Dwelling	Scheme	44.1	42.9	44.1	43.3	-1.2	-0.8
3 Woolley Lane, Hollingworth, Hyde, SK14 8NW	Dwelling	Scheme	40.1	37.4	40.1	37.7	-2.7	-2.4
37 Woolley Lane, Hollingworth, Hyde, SK14 8NW	Dwelling	Scheme	40.3	37.4	40.4	37.6	-2.9	-2.7

Receptor	Receptor Type	Area	Road traffic noise levels (L <sub>night</sub> , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
Tara Brook Farm, Woolley Lane, Hollingworth, Hyde, SK14 8NW	Dwelling	Scheme	38.3	44.1	38.3	44.5	5.8	6.2
Westwood Cottage, Mottram Road, Hyde, Hyde, SK14 3BT	Dwelling	Scheme	61.3	61.9	61.6	62.4	0.6	1.1
3 Ash Close, Mottram, Hyde, SK14 6PS	Dwelling	Scheme	42.8	46.1	42.9	46.3	3.3	3.5
6 Back Moor, Mottram, Hyde, SK14 6LF	Dwelling	Scheme	42.0	42.1	42.2	42.6	0.1	0.6
49 Broadbottom Road, Mottram, Hyde, SK14 6JB	Dwelling	Scheme	36.7	36.1	37.0	36.9	-0.6	0.2
8 Broadbottom Road, Mottram, Hyde, SK14 6JB	Dwelling	Scheme	48.9	49.2	49.1	49.8	0.3	0.9
26 Colbourne Grove, Mottram, Hyde, SK14 3DY	Dwelling	Scheme	46.9	46.7	47.3	47.3	-0.2	0.4
8 Edge Lane, Mottram, Hyde, SK14 6SE	Dwelling	Scheme	40.8	45.7	41.0	46.0	4.9	5.2
30 Four Lanes, Mottram, Hyde, SK14 6PP	Dwelling	Scheme	45.4	50.1	45.5	50.3	4.7	4.9
32 Four Lanes, Mottram, Hyde, SK14 6PP	Dwelling	Scheme	42.4	48.9	42.6	49.1	6.5	6.7
34 Four Lanes, Mottram, Hyde, SK14 6PP	Dwelling	Scheme	46.9	54.9	47.0	55.1	8.0	8.2
12 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	41.4	39.7	41.5	40.0	-1.7	-1.4
4 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	42.7	40.9	42.8	41.1	-1.8	-1.6
60 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	42.4	44.6	42.6	44.8	2.2	2.4
7 Hyde Road, Mottram, Hyde, SK14 6NG	Dwelling	Scheme	42.7	39.4	42.8	39.8	-3.3	-2.9
50 John Kennedy Road, Mottram, Hyde, SK14 6PH	Dwelling	Scheme	45.0	45.0	45.2	45.3	0.0	0.3
43 Lodge Court, Mottram, Hyde, SK14 6LY	Dwelling	Scheme	40.0	41.9	40.1	42.1	1.9	2.1

Receptor	Receptor Type	Area	Road traffic noise levels (L <sub>night</sub> , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
16 Longdale Drive, Mottram, Hyde, SK14 6NW	Dwelling	Scheme	39.3	38.1	39.4	38.8	-1.2	-0.5
6 Melyncourt Drive, Mottram, Hyde, SK14 3AS	Dwelling	Scheme	64.0	62.5	64.4	62.9	-1.5	-1.1
Four Winds, 41A, Mottram Moor, Mottram, Hyde, SK14 6LA	Dwelling	Scheme	62.2	60.8	62.4	61.5	-1.4	-0.7
103 Mottram Moor, Mottram, Hyde, SK14 6LD	Dwelling	Scheme	46.7	45.7	46.7	45.8	-1.0	-0.9
47 Mottram Moor, Mottram, Hyde, SK14 6LD	Dwelling	Scheme	46.9	48.5	47.1	48.9	1.6	2.0
75 Mottram Moor, Mottram, Hyde, SK14 6LD	Dwelling	Scheme	52.8	53.4	52.8	53.6	0.6	0.8
Mottram Old Hall, Old Hall Lane, Mottram, Hyde, SK14 6LT	Dwelling	Scheme	39.7	41.6	39.7	41.9	1.9	2.2
Flat 5, The Cottage, Old Road, Mottram,	Dwelling	Scheme	41.2	46.9	41.4	47.2	5.7	6.0
1 Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	42.7	44.4	42.8	44.7	1.7	2.0
15C Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	44.2	<del>49.4</del> 49.5	44.3	49.7	<del>5.2</del> 5.3	5.5
21A Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	43.1	50.4	43.2	50.6	7.3	7.5
6 Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	39.3	40.8	39.4	41.1	1.5	1.8
The Villa, 23, Old Road, Mottram, Hyde, SK14 6LG	Dwelling	Scheme	41.2	46.9	41.4	47.2	5.7	6.0
8 Rushycroft, Mottram, Hyde, SK14 6TD	Dwelling	Scheme	40.1	43.6	40.3	43.9	3.5	3.8
3 Tollemache Close, Mottram, Hyde, SK14 6LN	Dwelling	Scheme	39.6	<del>44.5</del> 44.9	39.7	<del>44.8</del> 45.2	<del>4.9</del> 5.3	<del>5.2</del> 5.6

Receptor	Receptor Type	Area	Road traffic noise levels (L <sub>night</sub> , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
4 Tollemache Close, Mottram, Hyde, SK14 6LN	Dwelling	Scheme	36.5	<del>41.6</del> 42.2	36.7	<del>41.8</del> 42.5	<del>5.1</del> 5.7	<del>5.3</del> 6.0
21 Tollemache Road, Mottram, Hyde, SK14 6LL	Dwelling	Scheme	35.1	37.7	35.2	38.0	2.6	2.9
23 Tollemache Road, Mottram, Hyde, SK14 6LL	Dwelling	Scheme	36.8	38.6	36.9	38.9	1.8	2.1
Upper Wood Cottage, Snake Road, Bamford,	Dwelling	Wider	40.6	41.9	41.6	42.8	1.3	2.2
64 Marple Road, Charlesworth, Glossop, SK13 5DA	Dwelling	Wider	37.9	36.7	38.6	37.5	-1.2	-0.4
22 Sherwood Fold, Charlesworth, Glossop, SK13 5HW	Dwelling	Wider	40.3	39.3	40.9	40.0	-1.0	-0.3
61 Glossop Road, Glossop, Glossop, SK13 6JH	Dwelling	Wider	38.6	37.2	39.0	37.7	-1.4	-0.9
55 Sheffield Road, Glossop, Glossop, SK13 8QJ	Dwelling	Wider	57.0	58.5	58.2	59.3	1.5	2.3
189 Sheffield Road, Glossop, Glossop, SK13 8QX	Dwelling	Wider	57.1	58.6	58.2	59.4	1.5	2.3
3 Blue Bell Close, Hyde, Hyde, SK14 4HU	Dwelling	Wider	42.4	42.6	42.7	43.0	0.2	0.6
78 John Street, Hyde, Hyde, SK14 2HB	Dwelling	Wider	59.3	60.0	59.7	60.4	0.7	1.1
226 Victoria Street, Hyde, Hyde, SK14 4DT	Dwelling	Wider	46.0	46.7	46.4	47.0	0.7	1.0
22 Matley Lane, Stalybridge, Stalybridge, SK15 2TP	Dwelling	Wider	40.6	40.4	40.7	40.7	-0.2	0.1
90 Glossop Road, Stockport, Stockport, SK6 5EL	Dwelling	Wider	40.2	38.8	41.0	39.5	-1.4	-0.7
Loads Cottage, Glossop Road, Stockport, Stockport, SK6 5NX	Dwelling	Wider	51.1	49.6	51.8	50.3	-1.5	-0.8

Receptor	Receptor Type	Area	Road traffic noise levels ( $L_{night}$ , dB)				Change (dB)	
			DM 2025	DS 2025	DM 2040	DS 2040	Short-term	Long-term
Fernilea, Glossop Road, Stockport, Stockport, SK6 5RX	Dwelling	Wider	37.7	36.2	38.4	36.9	-1.5	-0.8
107 Manchester Road, Tintwistle, Glossop, SK13 1LJ	Dwelling	Wider	63.8	63.9	63.6	63.8	0.1	0.0

## 11.4 List of properties potentially qualifying for noise insulation

11.4.1 No formal offers of noise insulation can be made until after the completion of the statutory processes and the finalisation of the detailed engineering design of the scheme.

11.4.2 The outcomes of the road traffic noise modelling indicate that there are nine dwellings that may be eligible for an offer of noise insulation. This is because their predicted noise levels exceed 68 dB  $L_{A10,18h}$  and increase by at least 1 dB due to the Scheme. The dwellings that may be eligible are:

- Grange Farm, Harrop Edge Road, Mottram, Hyde, SK14 6SJ
- 8 Woolley Bridge, Glossop, SK13 2NX
- 12 Woolley Bridge, Glossop, SK13 2NX
- 14 Woolley Bridge, Glossop, SK13 2NX
- 16 Woolley Bridge, Glossop, SK13 2NX
- 18 Woolley Bridge, Glossop, SK13 2NX
- 54 Woolley Bridge, Glossop, SK13 2NX
- Hillside, Woolley Bridge, Glossop, SK13 2NX
- Spring Tavern, Woolley Bridge, Glossop, SK13 2NX

11.4.3 If any or all of the above dwellings are shown to be eligible in the later design stages, further assessment will be required to determine whether qualifying facades contain rooms with windows or doors where noise insulation would be applicable.

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